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on 13 November 2001

Date of Deposit

Signature: Komal J. Shetty

Attorney Docket No.: 10546-010

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Shetty, et al.

Serial No.: 09/486,125

## RESPONSE AND AMENDMENT

Filing Date: June 12, 2000

Group Art Unit: 3737

Title: DATA ACQUISITION FOR  
MAGNETIC RESONANCE  
IMAGING TECHNIQUEAssistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This amendment responds to an Examiner's Office Action in the above-  
01/28/2002 LFULTON 0000007 061500 09486125  
01 FC:103 referenced case mailed on August 13, 2001 setting a shortened statutory period for  
response of three months.

Please amend the above-referenced application as follows:

IN THE SPECIFICATION

Please add the following section entitled "ABSTRACT OF DISCLOSURE"

A method and apparatus are provided for acquiring a series of images of a patient using an imaging device as a single injection of contrast material is passed through the patient's vascular system. The method includes loading a plurality of parameter sets into the imaging device and sequentially advancing through the plurality. Image data is collected for each parameter set in the plurality. A delay period can be used in between image collection steps to allow a patient to exhale and inhale. Following collection of all image data, the image data is processed to produce the series of images of the patient.

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